

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

RECEIVED**SEP 24 1993**FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)

Amendment of Section 73.202(b))
Table of Allotments)
FM Broadcast Stations)
(Madrid, Iowa))MM Docket No.
RM-

To: Chief, Allocations Branch
Policy and Rules Division
Mass Media Bureau

PETITION FOR RULE MAKING

Madrid Broadcasting Company ("MBC"), by its counsel, hereby submits a petition to amend the FM Table of Allotments, Section 73.202(b) of the Commission's Rules, to allot Channel 241A to Madrid, Iowa, as its first local service. MBC will file an application for a new FM broadcast station at Madrid if the channel is allotted and, if authorized, will construct the station.

1. Madrid is listed in the 1990 U.S. Census with a population of 2,395 persons. Madrid is located in Boone County, which has a 1990 U.S. Census population of 25,186. Madrid has no local radio service.

2. The proposed allotment of Channel 241A to Madrid complies with the distance separation requirements of Section 73.207 of the Commission's Rules with a site restriction

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approximately 13 km north according to the attached Engineering Statement of E. Harold Munn, Jr. & Associates, Inc. Figure 3 of the Engineering Report demonstrates that from the proposed reference point (41° 59' 52" N/93° 48' 50" W), a 70 dBu signal can be placed over all of Madrid.

3. Accordingly, MBC urges the Commission to issue a Notice of Proposed Rule Making to allot Channel 241A to Madrid, Iowa, as its first local service.

Respectfully submitted,

MADRID BROADCASTING COMPANY

By:


Mark N. Lipp

Mullin, Rhyne, Emmons and Topel, P.C.
1000 Connecticut Avenue--Suite 500
Washington, D.C. 20036
(202) 659-4700

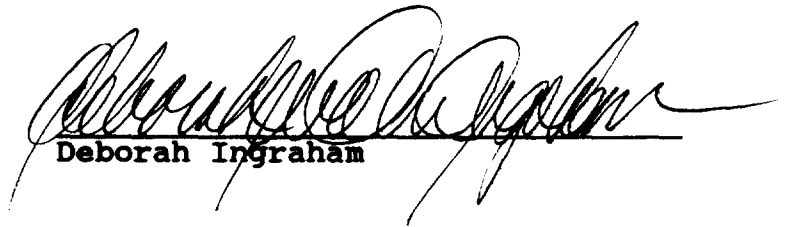
Its Counsel

September 24, 1993

CERTIFICATE OF SERVICE

I, Deborah Ingraham, a secretary in the law firm of Mullin, Rhyne, Emmons and Topel, P.C., do hereby certify that I have this 24th day of September, 1993, caused to be mailed by first class mail, postage prepaid, copies of the foregoing "**PETITION FOR RULE MAKING**" to the following:

* Leslie K. Shapiro
Mass Media Bureau
Federal Communications Commission
2025 M Street, N.W.--Room 8313
Washington, D.C. 20554



Deborah Ingraham

* Hand Delivered

0219

ENGINEERING REPORT

In Support of a Petition
to Add Channel 241(A)
At Madrid, Iowa

September, 1993

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E. HAROLD MUNN, JR. & ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

CERTIFICATION OF CONSULTANT

The firm of E. Harold Munn, Jr. & Associates, Inc., Broadcast Engineering Consultants, with offices at 100 Airport Drive, Coldwater, Michigan, has been retained for the purpose of preparing the technical data submitted in this report.

The data utilized in this report was taken from the FCC Secondary Database and data on file. While this information is believed accurate, errors or omissions in the database and file data are possible. This firm may not be held liable for damages as a result of those data errors or omissions.

The report has been prepared by or under the direction of the undersigned, whose qualifications are a matter of record before the Federal Communications Commission.

I declare under penalty of perjury that the contents of this report are true and accurate to the best of my knowledge and belief.

E. Harold Munn, Jr. & Associates, Inc.

September 20, 1993

by Wayne S. Reese
Wayne S. Reese, President

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Coldwater, Michigan 49036-0220

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E. HAROLD MUNN, JR. & ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

ENGINEERING STATEMENT

In Support of a Petition To Amend §73.202(b)

The firm of E. Harold Munn, Jr. & Associates, Inc., was retained to prepare this Engineering Statement in support of a petition to amend 47 C.F.R. Section 73.202(b), the FM Table of Allotments.

It is proposed to amend the Table to add Channel 241(A), 96.1 MHz for use at Madrid, Iowa. This site meets the spacings of §73.207(b)(1)(2). A open area exists where a transmitter site may be located.

Data contained in this report is responsive to the requirements of the Rules, as amended.

Figure 1 is a pertinent portion of the computer study which demonstrates that, at the reference point listed, and for the class of station proposed, all the required separations are fully met for the allotment of Channel 241(A).

The reference point considered for the study is NL 41°59'52"; WL 93°48'50". Figure 2 is a topographical map showing this reference point. This is a point proximate to the city from which the 3.16 mV/m (70 dBu) contour of the proposed facility would encompass the entire community. Figure 3 is a map showing the proposed 3.16 mV/m contour, employing maximum facilities for this class of station, 6 kW at 100 meters above average terrain. Figure 4 is a tabulation of the calculation of the 3.16 mV/m contour.

It is requested that 47 C.F.R. §73.202(b) be amended as follows.

<u>CITY, STATE</u>	<u>PRESENT</u>	<u>PROPOSED</u>
Madrid, Iowa	---	241A

E. HAROLD MUNN, JR. & ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

FIGURE 1

E. HAROLD MUNN JR & ASSOCIATES
P.O. Box 220 Coldwater MI 49036-0220

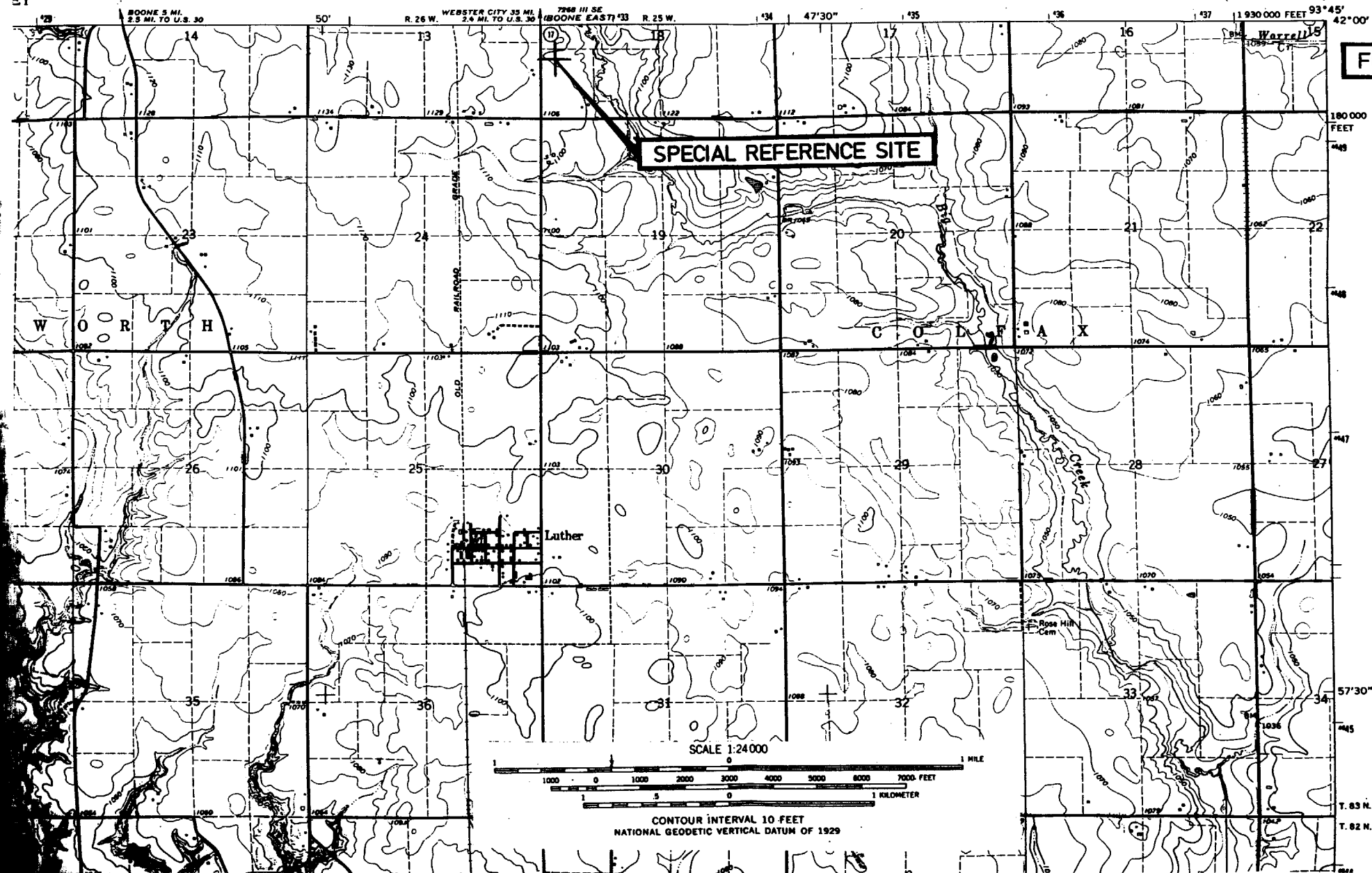
RULEMAKING FOR MADRID, IOWA
SPECIAL REFERENCE POINT

REFERENCE					CLASS A			DISPLAY DATES
41 59 52 N					Current rules spacings			DATA 08-25-93
93 48 50 W					CHANNEL 241 - 96.1 MHz			SEARCH 09-15-19
CALL	CH#	CITY		STATE	BEAR'	D-KM	R-KM	MARGIN
TYPE	LAT	LNG		PWR	HT	D-Mi	R-Mi	(KM)
KCOBFM	240A	Newton		IA	113.8	72.02	72.0	0.02 <
LI CN	41 44 11	93 01 12		2.500 kW	108M	44.8	44.8	
	KCOB/KLVN, Inc.					BLH910426KA		
KCOBFM	240A	Newton		IA	113.8	72.02	72.0	0.02 <
CP CN	41 44 11	93 01 12		5.100 kW	108M	44.8	44.8	
	KCOB/KLVN, Inc.					BPH920130IB		
KEFM	241C	Omaha		NE	242.9	226.02	226.0	0.02 <
LI CN	41 04 15	96 13 30		100.000 kW	439M	140.5	140.5	
	Webster Communications Compan					BLH860430KF		
CP241	241A	Hudson		IA	67.8	116.11	115.0	1.11 <
CP ZCN	42 23 33	92 30 44		3.000 kW	95M	72.2	71.5	
	Saga Communications of Iowa,					BPH920430MC		
KQWCFM	239C3	Webster City		IA	1.6	52.23	42.0	10.23
CP CN	42 28 04	93 47 48		25.000 kW	100M	32.5	26.1	
	Gorich Radio Corporation					BPH901210MG		

INTERIOR
EY

LUTHER QUADRANGLE
IOWA-BOONE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

788 11 14 W
JAMES WEST



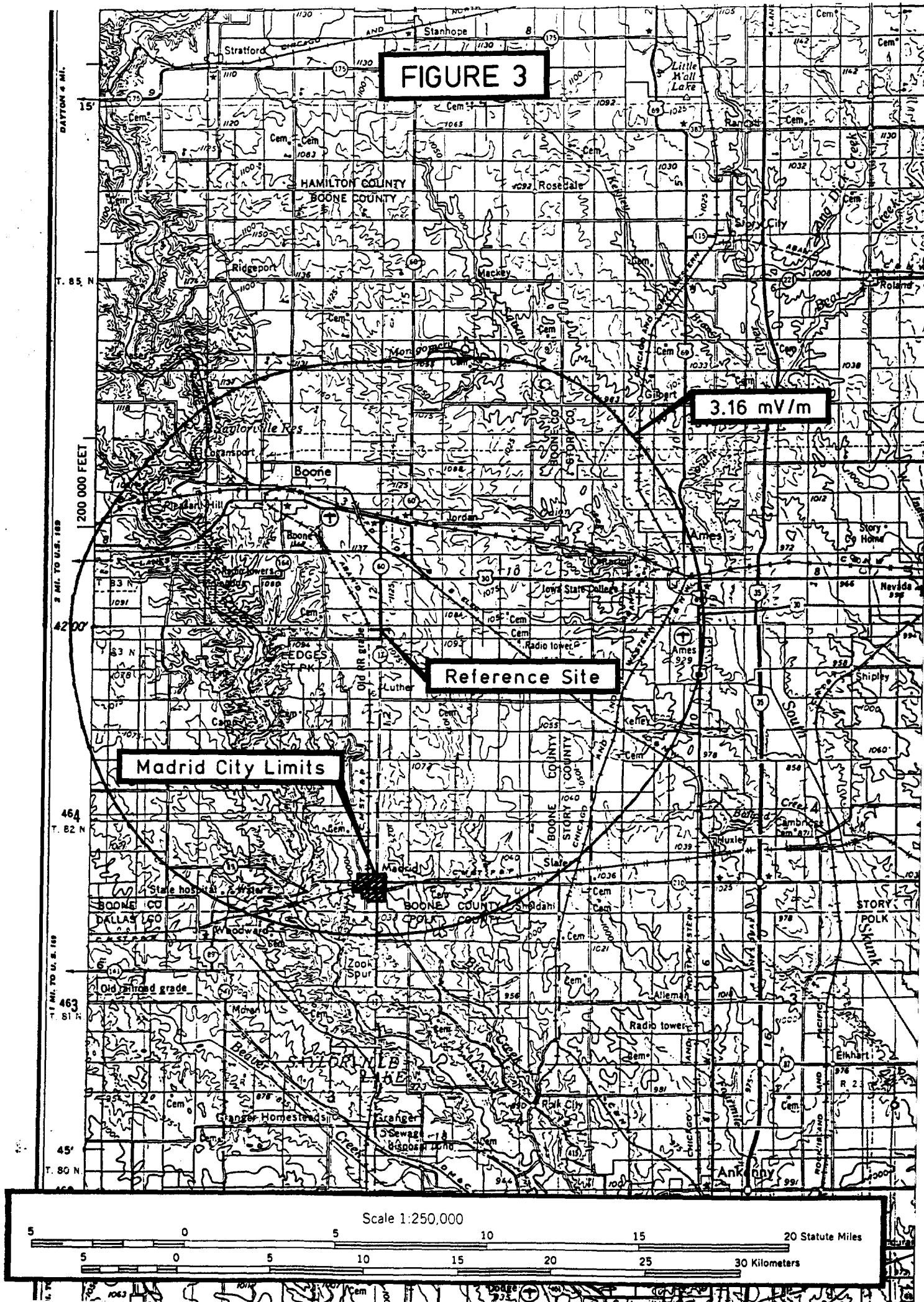


FIGURE 4

Predicted Signal Contours:

41 59 52 - PROPOSED CITY GRADE CONTOUR FROM
93 48 50 - SPECIAL REFERENCE POINT AT MADRID, IA

ERP = 6 kW, 7.782 dBk FM - 2-6 Tables

Radial	HAAT	kW	dBk	Field	70 dBu.5
0 Degr.	79.2M	6.000	7.782	1.000	14.2
45 Degr.	106.8M	6.000	7.782	1.000	16.8
90 Degr.	111.1M	6.000	7.782	1.000	17.2
135 Degr.	99.1M	6.000	7.782	1.000	16.1
180 Degr.	100.4M	6.000	7.782	1.000	16.2
225 Degr.	107.4M	6.000	7.782	1.000	16.9
270 Degr.	103.3M	6.000	7.782	1.000	16.5
315 Degr.	89.5M	6.000	7.782	1.000	15.1

Ave. HAAT= 99.6M, Ant. COR= 417.0M AMSL					